

FEB 04 1997

MEMORANDUM

Subject: McDonnell Douglas Final HSWA Permit

From: Bob Stewart
RPCB

Through: JoAnn Heiman, Chief
RPCB

To: Art Spratlin, Director
Air, RCRA, and Toxics Division

Attached is the final HSWA permit for McDonnell Douglas, St. Louis, Missouri. The issuance of this permit is a joint EPA/MDNR action. MDNR's part of the permit addresses storage and corrective action requirements at the facility. EPA's portion addresses the requirements for which MDNR is not yet authorized.

This permit and corresponding permit application has undergone review by RPCB, EPA Regional Counsel, and MDNR. No comments on our portion were received during the public comment period.

I recommend that this permit be issued. Your signature is required on the HSWA permit cover page.

Attachment

Approved

Disapproved

ARTD/RCRA/RPCB:STEWART:pr:7645:01/29/97:A:\MOPERFIN.MEM

RPCB RPCB
STEWART HEIMAN

RLS
1-29-97

RLS
1-29



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RCRA Records Center



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VII
726 MINNESOTA AVENUE
KANSAS CITY, KANSAS 66101

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FEB 04 1997

Mr. Ed Sadler, Director
Hazardous Waste Program
Division of Environmental Quality
Missouri Department of Natural Resources
P.O. Box 176
Jefferson City, MO 65102-0176

Dear Mr. Sadler:

Re: Transmittal of Signed Final HSWA Permit for
McDonnell Douglas (MOD000818963)

Enclosed is the Environmental Protection Agency's (EPA)
final HSWA permit (Part II) for the McDonnell Douglas facility,
St. Louis, Mo. (MOD000818963). Please include it with the state
permit (Part I).

Please fill in the effective and termination dates on the
front page of the HSWA permit when both permits are ready for
issuance. Please send us a copy of both portions after they are
signed and dated.

If you have any questions, please contact Bob Stewart of my staff
at (913) 551-7654.

Sincerely,

JoAnn M. Heiman
Chief
RCRA Permitting and Compliance Branch

Enclosure

ARTD/RCRA/RPCB:STEWART:pr:7645:01/29/97:A:\MOPERFIN.LTR

RPCB RPCB
STEWART HEIMAN

RLS

1-29-97

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VII
726 MINNESOTA AVENUE
KANSAS CITY, KANSAS 66101

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for JoAnn M. Heiman
Chief
RCRA Permitting and Compliance Branch

Enclosure

McDonnell Douglas Corporation, St. Louis, Missouri
MOD 000 818 963
Page 1 of 15, HSWA Part II

PART II
EPA AUTHORIZATION UNDER THE HAZARDOUS AND
SOLID WASTE AMENDMENTS OF 1984

Pursuant to Section 227 of the Hazardous and Solid Waste Amendments of 1984 (hereafter referred to as "HSWA"), the United States Environmental Protection Agency (hereafter referred to as "EPA") is granted authority to issue or deny permits or those portions of permits affected by the requirements established by HSWA. By this authority and pursuant to Sections 3001(g), 3001(h), 3002(b), 3004(d), 3004(u), 3004(v) and 3005 of the Resource Conservation and Recovery Act ("RCRA") as amended by HSWA, 42 USC §§6921(g), 6921(h), 6922(b), 6924(d), 6924(u), 6924(v), and 6925, EPA hereby grants to the U.S. Department of the Navy as Owner, and the McDonnell Douglas Corporation as Operator (hereafter referred to jointly as "the Permittee"), EPA ID Number MOD000818963, permission to perform activities required by HSWA at their facility located at McDonnell and Lindbergh Boulevard, St. Louis, Missouri, North Latitude 38 45' 25", and West Longitude 90 21' 55", in accordance with the conditions of Part II of this permit.

Part II of this permit addresses other HSWA requirements as administered and enforced by EPA. Applicable regulations are found in 40 CFR Parts 260 through 264, 268, 270, and 124, as specified in Part II of this permit.

All regulations cited in Part II of this permit refer to regulations in effect on the date of this permit issuance. With the exception of regulations in existence at the time of permit issuance and referenced in Part II of this permit, the only other RCRA regulations applicable to this facility during the life of Part II of this permit will be self-implementing regulations.

The Regional Administrator has delegated authority to perform all actions necessary to issue, deny, modify, or revoke and reissue permits for owners and operators of hazardous waste treatment, storage, and disposal facilities pursuant to Section 3005 of RCRA to the Director of Region VII Air, RCRA, and Toxics Division (hereafter referred to as "Director") or the Director's designated representative, by delegation No. R7-8-6; January 1, 1995.

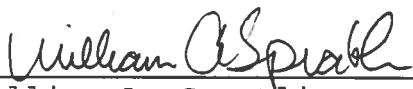
Part II of this permit is based on the assumption that the information applicable to Part II of the permit, in the permit application submitted by the Permittee on February 25, 1994 with revisions dated July 5, 1995 (hereafter referred to as "the application"), is accurate and that the facility will be operated as specified in the application.

McDonnell Douglas Corporation, St. Louis, Missouri
MOD 000 818 963
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Any inaccuracies found in the application or other submitted information may be grounds for the termination, revocation and reissuance, or modification of Part II of this permit in accordance with 40 CFR §§270.41, 270.42, and 270.43, or for enforcement action. The Permittee must inform EPA of any deviation from or changes in the application that would affect the Permittee's ability to comply with Part II of this permit.

Part II of this permit shall become effective at 12:01 AM on _____ and shall remain in effect until _____ unless revoked and reissued, terminated or continued in accordance with 40 CFR §§270.41, 270.43, and 270.51. It shall remain in effect even if Part I is terminated or has expired.

Done at Kansas City, Kansas, this _____ day of _____, 19__.



William A. Spratlin
Director
Air, RCRA, and Toxics Division

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A. DEFINITIONS

For purposes of Part II of this permit, terms used herein shall have the same meaning as those in RCRA and 40 CFR Parts 124, 260, 261, 264, 268, and 270, unless this permit specifically provides otherwise. Where terms are not defined in RCRA, the regulations, the permit or EPA guidances or publications, the meaning associated with such terms shall be defined by a standard dictionary reference or the generally accepted scientific or industrial meaning of the term.

"Hazardous waste" means any solid waste as defined in 40 CFR §261.2 which also meets any of the criteria of a hazardous waste as listed in 40 CFR §261.3.

B. STANDARD CONDITIONS

B.1. Submittal of Permit Requirements

- a. Failure to submit the information required in Part II of this permit, or falsification of any submitted information, is subject to enforcement and/or termination of Part II of this permit.
- b. The Permittee shall ensure that all plans, reports, notifications, and other submissions to the Director required in Part II of this permit are signed and certified in accordance with 40 CFR §§270.11 and 270.30(k).
- c. Extensions of the due dates specified in Part II of this permit may be granted by the Director in accordance with the permit modification procedures set forth in 40 CFR §270.42.
- d. Unless otherwise specified, two copies of these plans, reports, notifications or other submissions shall be submitted to the EPA and sent by certified mail or hand delivered to:

U.S. Environmental Protection Agency
Region VII
ART Division/RPCB Branch
726 Minnesota Avenue
Kansas City, KS 66101

In addition, one copy of these plans, reports, notifications or other submissions shall be submitted to:

Missouri Department of Natural Resources
Hazardous Waste Program
P.O. Box 176
Jefferson City, MO 65102

B.2. Permit Modification, Revocation and Reissuance, and Termination

- a. Part II of this permit may be modified, revoked and reissued, or terminated for cause, as specified in 40 CFR §§270.41, 270.42, and 270.43.
- b. If the Director determines that further actions beyond those required in Part II of this permit, or changes to the requirements set forth herein, are warranted, the Director may modify Part II of this permit in accordance with 40 CFR §270.41.
- c. Pursuant to the provisions of 40 CFR §270.42, the Permittee may request a modification of Part II of this permit at any time.
- d. Modifications to Part II of this permit do not constitute a reissuance of the permit. The filing of a request for a permit modification, revocation and reissuance, or termination, or the notification of planned changes or anticipated noncompliance on the part of the Permittee, does not stay the applicability or enforceability of any condition in Part II of this permit.

B.3. Permit Renewal

- a. Part II of this permit may be renewed as specified in 40 CFR §270.30(b). Review of any application for a permit renewal shall consider improvements on the state of control and measurement technology, as well as changes in applicable regulations.
- b. If the Permittee wishes to continue an activity regulated by Part II of this permit after the expiration date of Part II of this permit, the

Permittee shall submit a complete application for a new permit prior to the expiration of Part II of this permit. Such application must be submitted at least 180 calendar days prior to permit expiration unless permission for a later submission date has been granted by the Director.

B.4. Transfer of Permits

Part II of this permit is not transferable to any person or entity until such a time as this permit has been modified or revoked and reissued to identify the proposed new owner or operator of the facility (hereafter referred to as "New Permittee") and to incorporate such other requirements as may be necessary, all in accordance with the procedures set forth in 40 CFR §270, Subpart D. At least 90 calendar days prior to the anticipated date of transfer, the New Permittee shall submit to the Director: 1) a revised permit application; and 2) a copy of the written agreement between the Permittee and the New Permittee, containing the specific date for transfer of the permit responsibilities described herein. The Permittee and the New Permittee shall also comply with the financial requirements as more specifically set forth in 40 CFR §270.40 and 40 CFR, §264, Subpart H. It shall be the Permittee's responsibility to notify the New Permittee in writing of the requirements of 40 CFR Parts 264 and 270 and Part II of this permit.

B.5. Severability

The provisions of Part II of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

B.6. Appeal of a Permit

Part II of this permit may be appealed pursuant to the provisions of 40 CFR §124.19(a), which provides as follows:

Within 30 calendar days after a RCRA
final permit decision has been issued

under 40 CFR §124.15, any person who filed comments on that draft permit or participated in the public hearing may petition the Environmental Appeals Board, in writing, to review any condition of the permit decision. Any person who failed to file comments or failed to participate in the public hearing on the draft permit may petition for administrative review only to the extent of the changes from the draft to the final permit decision. The 30-day period within which a person may request review under this section begins with the service of notice of the Regional Administrator's action unless a later date is specified in that notice. The petition shall include a statement of the reasons supporting that review, including a demonstration that any issues being raised were raised during the public comment period (including any public hearing) to the extent required by these regulations and when appropriate, a showing that the condition in question is based on:

- (1) A finding of fact or conclusion of law which is clearly erroneous, or
- (2) An exercise of discretion or an important policy consideration which the Environmental Appeals Board should, in its discretion, review.

B.7. Duty to Comply

The Permittee shall comply with all conditions in Part II of this permit, except to the extent and for the duration such noncompliance is authorized by an emergency permit. Any noncompliance with Part II of this permit, other than noncompliance authorized by an emergency permit, constitutes a violation of Part II of this permit and is grounds for enforcement action; for permit termination, revocation and reissuance, or

modification; or for denial of a permit renewal application.

B.8. Need to Halt or Reduce Activity Not a Defense

In any enforcement action, it shall not be a defense for the Permittee to establish that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of Part II of this permit.

B.9. Duty to Mitigate

In the event of noncompliance with Part II of this permit, the Permittee shall take all reasonable steps to minimize releases to the environment and shall carry out such measures as are reasonable to prevent significant adverse impacts on human health or the environment.

B.10. Proper Operation and Maintenance

The Permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the Permittee to achieve compliance with the conditions of Part II of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance/quality control procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of Part II of this permit.

B.11. Duty to Provide Information

The Permittee shall furnish to the Director, within a time specified by the Director, any relevant information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating Part II of this permit, or to determine compliance with Part II of this permit. The Permittee shall also furnish to the Director, upon request, copies of records required to be kept by Part II of this permit.

B.12. Inspection and Entry

Pursuant to 40 CFR §270.30(i), the Permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

- a. Enter at reasonable times upon the Permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of Part II of this permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of Part II of this permit;
- c. Inspect and photograph, at reasonable times, any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under Part II of this permit; and
- d. Sample or monitor, at reasonable times, for the purpose of assuring compliance with Part II of this permit or as otherwise authorized by RCRA, any substances or parameters at any location.

B.13. Monitoring and Records

- a. Samples and measurements taken, to comply with Part II of this permit, for the purpose of monitoring shall be representative of the monitored activity. The method used to obtain a representative sample of the waste to be analyzed must be the appropriate method from Appendix I of 40 CFR Part 261 or an equivalent method approved by the Director. Laboratory methods must be those specified in Test Methods for Evaluating Solid Waste: Physical/Chemical Methods SW-846, Standard Methods of Wastewater Analysis, or an equivalent method approved under 40 CFR 260.21.
- b. The Permittee shall retain all records required by Part II of this Permit, the certification required by 40 CFR 264.73(b)(9), and records of all data used to complete the application for Part II of

this Permit for a period of at least three years from the date of the sample, measurement, report, record, certification, or application. This period may be extended by request of the Director at any time and is automatically extended during the course of any unresolved enforcement action regarding this facility.

- c. Pursuant to 40 CFR §270.30(j)(3), records of monitoring information shall specify:
 - (1) The dates, exact place, and times of sampling or measurements;
 - (2) The individuals who performed the sampling or measurements;
 - (3) The dates analyses were performed;
 - (4) The individuals who performed the analyses;
 - (5) The analytical techniques or methods used; and
 - (6) The results of such analyses.

B.14. Reporting Planned Changes

The Permittee shall give a 20 calendar day advanced notice to the Director of any physical alterations or additions to the portions of the facility subject to Part II of this permit, except for those alterations or additions for which notice is required by Part I of this permit.

B.15. Reporting Noncompliance

- a. The Permittee shall give a 20 calendar day advanced notice to the Director of any planned changes in the permitted facility or activities required by Part II of this permit which may result in noncompliance with the requirements of Part II of this permit.
- b. The Permittee shall report to the Director any noncompliance with Part II of this Permit which

may endanger health or the environment. Any such information shall be reported orally within 24 hours from the time the Permittee becomes aware of the circumstances. The report shall include the following:

- (1) Information concerning release of any hazardous waste and/or hazardous constituent that may cause an endangerment to public drinking water supplies; and
 - (2) Any information of a release or discharge of hazardous waste and/or a hazardous constituent, or of a fire or explosion from the hazardous waste management facility, which could threaten the environment or human health outside the facility.
- c. The description of the occurrence and its cause shall include:
- (1) Name, address, and telephone number of the owner or operator;
 - (2) Name, address, and telephone number of the facility;
 - (3) Date, time, and type of incident;
 - (4) Name and quantity of materials involved;
 - (5) The extent of injuries, if any;
 - (6) An assessment of actual or potential hazards to the environment and human health outside the facility, where this is applicable; and
 - (7) Estimated quantity and disposition of recovered material that resulted from the incident.
- d. A written notice shall also be provided within five calendar days of the time the Permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period(s) of noncompliance (including exact dates and times); whether the noncompliance has been corrected; and,

McDonnell Douglas Corporation, St. Louis, Missouri
MOD 000 818 963
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CONDITIONAL REQUIREMENTS	DUE DATE	PERMIT CONDITION
Report Noncompliance	20 calendar days prior to making any changes which will result in noncompliance with Part II of this permit	B.15.a
Written Notice of Noncompliance	Within 5 calendar days of Permittee's awareness of the circumstance	B.15.d

if not, the time the Permittee anticipates that noncompliance will continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The Director may waive the five-day written notice requirement in favor of a written report within 15 calendar days.

B.16. Other Information

Whenever the Permittee becomes aware of the failure to submit any facts in the permit application relevant to Part II of this permit or the submittal of incorrect information in the permit application, or in any report to the Director, the Permittee shall promptly submit such facts or information.

B.17. Incorporations to the Permit

Any plans and schedules required by the conditions of Part II of this permit are, upon approval of the Director, enforceable under Part II of this permit. Any noncompliance with such approved plans and schedules shall constitute noncompliance with Part II of this permit.

B.18. Supplemental Data

All raw data, such as laboratory reports, drilling logs, bench-scale or pilot-scale data, and other supporting information gathered or generated during activities undertaken pursuant to Part II of this permit shall be maintained at the permitted facility during the term of Part II of this permit, including the term of any reissued permits. Such information shall be made available to the Director upon request.

C. FACILITY-SPECIFIC CONDITIONS

C.1. Land Disposal Restrictions

- a. The Permittee must comply with all regulations implementing the land disposal restrictions required in 40 CFR Part 268. The Permittee also must comply with regulations implementing the land disposal restrictions that are promulgated after the effective date of Part II of this permit, as these requirements are self-implementing

provisions of HSWA. The Permittee is not subject to the land disposal restrictions if the applicable treatment standard is met, the waste is exempt under 40 CFR §268.1(c), the waste is subject to a variance, or any other exemption in 40 CFR Part 268 applies.

- b. If allowed in the State RCRA Permit (Part I), the Permittee may store wastes to which the land disposal restriction applies for up to one year unless EPA can demonstrate that such storage was not solely for the purpose of accumulation of such quantities of hazardous waste as are necessary to facilitate proper recovery, treatment, or disposal as provided in 40 CFR §268.50(b). For storage of hazardous waste to which the land disposal prohibition applies beyond one year, however, the Permittee shall bear the burden of proving that such storage was solely for the purpose of accumulation of such quantities of hazardous waste as necessary to facilitate proper recovery, treatment, or disposal as provided in 40 CFR §268.50(c).

C.2. Air Emissions From Process Vents and Equipment Leaks

- a. The Permittee shall comply with the standards of 40 CFR Part 264 Subpart AA for air emissions from process vents associated with distillation, fractionation, thin-film evaporation, solvent extraction, or air or steam stripping operations that manage hazardous waste with organic concentrations of at least 10 ppm, if these operations are conducted in:
 - (1) Units that are subject to the permitting requirements of 40 CFR Part 270; or
 - (2) Hazardous waste recycling units located at the Permittee's facility.
- b. The Permittee shall comply with 40 CFR Part 264 Subpart BB for air emissions from pumps, valves, compressors, sampling connecting systems, open-ended valves or lines, pressure relief devices, flanges, and other connectors, and closed-vent systems and control devices, that contain or

contact hazardous waste with organic concentrations of at least 10 percent by weight.

- c. The Permittee shall meet the test methods and procedures, record keeping, and reporting requirements of 40 CFR Part 264 Subparts AA and BB.

C.3. Management of EPA Regulated Waste

Pursuant to 40 CFR §261.24 and Sections 3001(g) and (h) of RCRA, 42 USC §§6921(g) and (h), the Permittee may store the hazardous wastes listed below, in addition to the wastes permitted in Part I Special Permit Condition II. These additional wastes shall be included in the quantities allowed in Part I, in the location designated in Part I Special Permit Condition II. The storage of the following wastes shall be in accordance with all applicable requirements of Part I.

D035 D039 D040

D. FACILITY SUBMISSION SUMMARY

Table 1. Summary of possible reporting requirements pursuant to Part II of this permit.

CONDITIONAL REQUIREMENTS	DUE DATE	PERMIT CONDITION
Permit Renewal	180 calendar days prior to Part II permit expiration	B.3.b
Provisions for Part II Permit Transfer	90 calendar days prior to date of Part II permit transfer	B.4
Report Planned Changes	20 calendar days prior to making any physical alterations to any portion of the facility subject to Part II of this permit, except when notice is required by Part I of this permit	B.14